



Section I: Product and Company Identification

RPM Wood Finishes Group, Inc.
P.O. Box 22000
Hickory, NC 28603

Company Phone number: (800) 522-8266
CHEMTREC: (800) 424-9300
Issue Date: 08/10/05

Product Name: Thin Adhesive, Medium Adhesive and Heavy Adhesive
Product Code: M745-1241,1005,1410,1242,1300,1310,1243,1430

Section II: Hazardous Ingredients/Identity Information

Chemical	CAS	Percent Composition
Ethyl Cyanoacrylate	7085-85-0	85-100
Poly (Methyl Methacrylate)	9011-14-7	1-15
Hydroquinone	123-21-9	0.1-0.5

Section III: Physical and Chemical Characteristics

Boiling Point: >212°F
Evaporation Rate: NA
Melting Point: NE.
Vapor Pressure: Less than 0.2mm@ 75°F
Vapor Density: Approximately 3
Specific Gravity: 1.05-1.16
Solubility (water): Polymerized by water
Appearance and Odor: Clear viscous liquid with sharp, irritating odor. (Odor threshold: 1-2ppm)

Section IV: Fire and Explosion Hazard Data

Flash Point (Method Used) 76-200°F
Flammable Limits: NA
LEL: N/DA
UEL: N/DA

Special Fire Fighting Procedures: Self contained breathing gear and protective clothing.

Unusual Fire and Explosion Hazards: Irritating organic vapors.

Section V: Health Hazard Data

Threshold Limit Value: Ethyl Cyanoacrylate:0.2ppm TWA ACGIH (TLV); none OSHA (PEL)
Hydroquinone: 2mg/m³ TWA ACGIH (TLV); 2mg/m³ TWA OSHA (PEL)

Material Safety Data Sheet

Product Name: M745-1241,1005,1410,1242,1300,1243,1430 Thin Adhesive, Medium Adhesive and Heavy Adhesive

Effects of overexposure:

Ingestion: Not likely The product will polymerize rapidly, adhering to the mouth.

Inhalation: May be irritating to respiratory system above recommended exposure limits. Remove to fresh air If breathing is difficult, seek medical attention. Vapors are irritating to eyes and mucous membranes. Prolonged and repeated exposure to vapors may product allergic reactions with asthma-like symptoms in sensitive individuals

Skin: Irritating – will bond instantly with small gaps.

Emergency and First Aid Procedures:

Ingestion: Insure breathing passages are clear. Saliva will separate any solidified product within two days. Prevent accidental swallowing.

Eyes: Irritating. Immediately flush with warm water for at least 15 minutes, get prompt medical attention and apply gauze patch. Cyanoacrylate will bond to eye protein and cause a lachrymatory effect will help de-bond the adhesive. Keep eye covered until de-bonding is complete (usually within 1-4 days)

Skin: Bonds rapidly and strongly. May cause burns Immerse bonded surface in warm soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. If skin is burned by a large drop, (due to heat generated by the polymerization) seek medical help. If the lips are accidentally bonded, apply warm soapy water, encourage maximum wetting and pressure from saliva inside the mouth and peel or roll lips apart. **DO NOT TRY TO PULL LIPS APART.** Burns should be treated normally after the lump of cyanoacrylate is released from the tissue.

Section VI: Reactivity Data

Stability: Stable

Conditions to avoid: Elevated temperatures, direct sunlight, and sources of ignition.

Hazardous Decomposition Products: None.

Hazardous Polymerization: May occur.

Conditions to avoid: Rapid polymerization will occur in the presence of water, amines, alkalis and alcohol. Avoid skin contact.

Section VII: Spill or Leak Procedures

Steps to be taken in case material is to be released or spilled:

Remove all sources if ignition. Ventilate area, prevent product form entering drains. Flood with water to complete polymerization. Scrape off floor.

Water disposal method:

Cured material can be disposed of as non-hazardous waste. Polymerize as above. Incinerate in accordance with EPA and local regulations.

Section VIII: Special Protective Information

Respiratory Protection (Specify type)

Above TLV. NIOSH approved respirator.

Ventilation:

Local exhaust: positive down draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

Protective Gloves:

Use Nitrile gloves and aprons as necessary to prevent contact. Do not use PVC, nylon or cotton.

Eye Protection:

Chemical splash goggles or safety glasses with side shields.

Other Protective Equipment:

Polyethylene /Polypropylene coats or aprons (not rubber or cotton)

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Section IX: Special Precautions

Precautions to be taken in handling and storing:

Keep away from heat, sparks, flames and direct sunlight. Avoid contact with eyes, skin and clothing. Wear chemical resistant gloves when handling. Avoid inhalation of vapors. Skin contact through clothing may cause burns.

Other Precautions:

Avoid contact with polymerization initiators such as water, alcohol, amines or alkalis. Store in tightly closed, labeled containers at or below 75°F. Keep in well, ventilated area away from heat, sparks and open flames.

Section X: Regulatory Information

CERCLA/SARA 311/312 Immediate health hazard, Delayed health hazard, fire Reactive WHMIS Hazard Class B.3, D.2B

Estimated HMIS Code: Health Hazard (2) Fire Hazard (2) Reactivity (1)

Section XI: Transportation Information

DOT (49 CFR 172): Unrestricted [Less than 450 L]

NA1993, Combustible liquid, n.o.s. (cyanoacrylate ester), 3, III [More than 450L]

IATA:

Unrestricted [Not more than 500mL]

UN3334, Aviation regulated liquid, n.o.s. (cyanoacrylate ester), 9 [More than 500mL]

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